

#### **ABSTRACT OF THE DISCLOSURE**

A Bluetooth network topology. The Bluetooth network system includes a plurality of piconets, containing a plurality of Bluetooth units, including one master unit and a plurality of  
5 slave units. These piconets are linked by the bridge units to form a scatternet ring. The scatternet ring is formed by a centralized forming mechanism, operated by a simple yet efficient routing protocol and maintained by recovery and extension mechanisms.